
***SPACE FREQUENCY
COORDINATION GROUP***

Resolution 19-3R1

**SPECTRAL SEPARATION FOR IMT-2000 STATIONS OPERATING IN BANDS ADJACENT TO
THE SPACE RESEARCH, EARTH – SPACE, SERVICE BAND 2025 – 2110 MHz**

The SFCG,

CONSIDERING

- a) that WARC-92 designated the 1885 – 2025 MHz and 2110 – 2200 MHz bands allocated with a primary status to the Mobile service for IMT-2000 and that subsequent WRCs confirmed this decision;
- b) that the implementation of IMT-2000 is in active preparation and that its start of operations is foreseen for 2001/2002;
- c) that adjacent radio frequency interference from IMT-2000 base and mobile stations into the Space Research service shall be in accordance with the protection criteria of Recommendation ITU-R SA.1154;
- d) that the spectral separation of the nearest IMT-2000 channel center frequencies above and below the boundaries of the neighbouring space science service necessary to meet the protection criteria of Recommendation ITU-R SA.1154 is a function of the power spectral density mask of IMT-2000 transmitters;
- e) that ITU-R WP8F is working on a recommendation referred to as Recommendation ITU-R IMT.[UNWANT] for the specification of unwanted emissions which may not be in compliance with Recommendation ITU-R SA.1154;

RESOLVES

that member agencies urge their administrations to support the development of Recommendation ITU-R IMT.[UNWANT] in a way to achieve compliance with Recommendation ITU-R SA.1154.